



EXPRESS MAIL NO.: EV 313 841 489 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of : Markau *et al.*

Confirmation No.: 3877

Serial No.: 10/072,436

Group Art Unit: 1652

Filed: February 5, 2002

Examiner: Hutson

For: MODIFIED DNA-POLYMERASE
FROM CARBOXYDOTHERMUS
HYDROGENOFORMANS AND ITS USE
FOR COUPLED REVERSE TRANSCRIPTION
AND POLYMERASE CHAIN REACTION

Attorney Docket No.: 18651-US1
(1803-332-999)

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AMENDMENT AND RESPONSE UNDER 37 C.F.R. § 1.111

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants have carefully considered the non-final Office Action, mailed April 8, 2003, in connection with the above-captioned application. Reconsideration of the claims in light of the remarks that follow is respectfully requested. Enclosed herewith are a Petition for One Month Extension of Time, extending the time to respond to August 8, 2003, a Fee Transmittal Sheet, a Declaration of Deposit by Dr. Waltraud Ankenbauer and an Information Disclosure Statement with List of References Cited By Applicant.

AMENDMENT

IN THE SPECIFICATION

Please amend the specification as follows:

Page 6, line 15:

a' In a further aspect the invention comprises a recombinant DNA sequence that encodes DNA polymerase activity of the Δ Chy Polymerase. In a related aspect, the DNA sequence is depicted as ~~SEQ ID No. 10 (Figure 1)~~. SEQ ID NO: 10 (Figure 1). In a second related aspect the invention comprises a recombinant DNA sequence that encodes essentially amino